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Oregon Broadband Advisory Council
February 27th, 2020
IRNE Expansion Program



OUTLINE

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 - IRNE On-Net
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City of Portland - IRNE Expansion Program



Beth Fox

Fiber Expansion Program Manager

- **Started at the City in 2011**
- **VCAD Manager**
 - 911 System
- **2013 Communications Division Manager**
 - Telecom
 - Fiber Plant
 - Network
 - 800 MHZ Radio
 - Cellular
- **2018 Fiber Expansion Program**



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IRNE Integrated Regional Network Enterprise

- City owned or managed assets
- Some shared assets with ODOT, PBOT, TriMet and other smaller municipalities.
- Dedicated City locations
- City of Portland is a CLEC
- IRNE has a franchise with the City of Portland

I-Net Institutional Network Comcast Partnership

- 300 locations
 - Portland Public Schools, Multnomah Education Service District, Multnomah County and several smaller municipality locations and others.
- Comcast franchise and contract expires December of 2021

IRNE BUILD STATUS

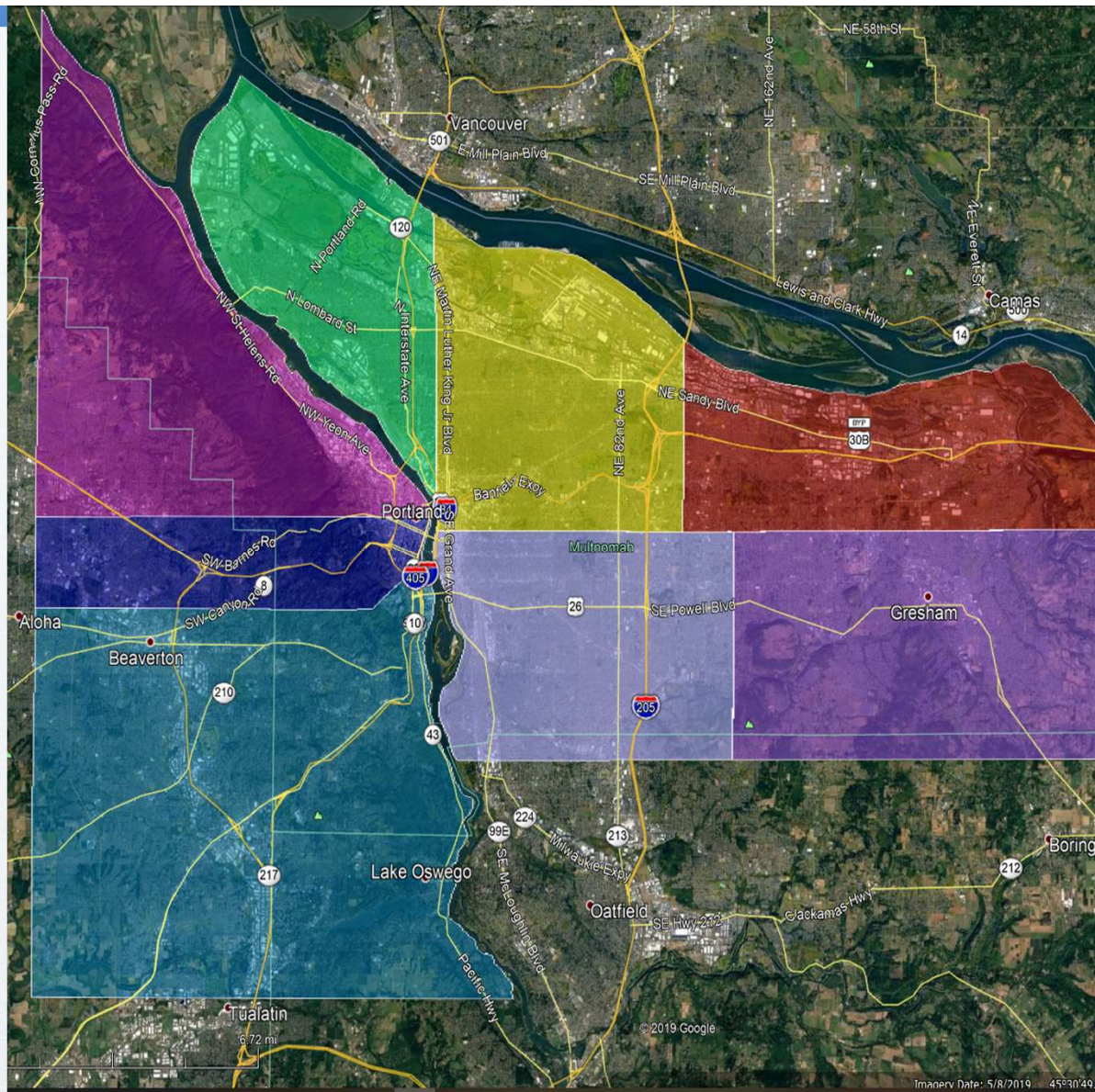
Division Transit Project

IRNE On-Net Builds

Prescott Build

Russell Build

Additional Builds





DIVISION TRANSIT PROJECT

Partnership build between TriMet and PBOT

From 12th and Division to Eastman Parkway

IRNE fiber will run the length of the build

General Construction began early February

29 locations identified

Planning with Stakeholders begins early 2020

Fiber construction begins early 2023



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IRNE On-Net Builds

79 locations Near Net

6 Builds for City of Portland

12 Builds for Current
Stakeholders

2 new Backbone Builds

20 builds in the Pipeline



Prescott Build

Approx 3 miles

122nd Ave and I - 84
Prescott to Sandy
Sandy to 82nd

Underground
Aerial

Adding 3 locations



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Russell Build

Approx 2.5
miles

Near Fremont
Bridge
Russell to Rodney
Rodney to Prescott

Underground

Bore under
River
at Fremont

3 additional
locations



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Additional Builds

- **Gideon Crossing over I-84**
 - Underway
- **Flanders Crossing over I-405**
 - Planning stages
- **Willamette River Crossing**
 - Fremont Bridge - complete
- **NE 122nd Ring Closure (PBOT Co-Build)**
 - Almost complete
- **Earl Blumenauer Bike/Ped Bridge over I-84**
 - Planning stages



OPEN DISCUSSION



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